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Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

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| APPLN. TYPE SMALL ENTITY ISSUE FEE DUE PUBLICATION FEE DUE PREV. PAID ISSUE FEE TOTAL FEE(S) DUE DATE DUE  nonprovisional NO \$1510 \$300 \$0 \$1810 03/23/2009  EXAMINER ART UNIT CLASS-SUBCLASS  LAM, HUNG H 2622 348-335000  1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).  CFR 1.363).  Change of correspondence address (or Change of Correspondence Address for Change of Correspondence Address indication (or "Fee Address" Indication form PTO/SB/12/20 attached.  "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47, Rev 03-02 or more recent) attached. Use of a Customer Number is required.  3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)  PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.  (A) NAME OF ASSIGNEE  Autonetworks Technologies, Ltd.  Sumitomo Electric Industries, Ltd.  Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Government  4b. Payment of Fec(s): (Please first reapply any previously paid issue fee shown above)  3d A check is enclosed. Ck #215089 (\$1,810)  Advance Order - # of Copies  Advance Order - # of Copies  **The Director is hereby authorized to charge the required fec(s), any deficiency, or credit any overpayment, to Deposit Account Number 15-0461 (enclose an extra copy of this form).   |  |  | 13   | Ju/   |  |   | (Depositor's name) |
|--|--|--|--|---|--|---|--------------------|
| APPLICATION NO.   FILING DATE   FIRST NAMED INVENTOR   ATTORNEY DOCKET NO.   CONFIRMATION NO.    10658,764   09/10/2003   Masayoshi Imoto   117082   4068    TITLE OF INVENTION: IMAGING DEVICE AND VEHICLE CIRCUMFERENCE VISUALIZING APPARATU32/13/2609 FIGHRAMI1 808080840 18658764   1518.88 0P 368.69 0P    APPLN. TYPE   SMALL ENTITY   ISSUE FEE DUE   PUBLICATION FEE DUE   PREV. PAID ISSUE FEE   TOTAL FEE(S) DUE   DATE DUE    nonprovisional   NO   \$1510   \$300   \$50   \$1810   03/23/2009    EXAMINER   ART UNIT   CLASS-SUBCLASS    LAM, HUNG H   2622   348-335000    1. Change of correspondence address or indication of "Fee Address" (37   CPR 1.363).    CPR 1.363).   2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents. If no name is 10   10   11   12    PLEASE NOTE: Unless an assignce is identified below, no assignce data will appear on the patent. If an assignce is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.  (A) NAME OF ASSIGNEE   Autonetworks   Technologies   Ltd.   Mie, Japan   Mie, Mie, Mie, Mie, Mie,  |  |  | 133.   |   |  |   | (Signature)        |
| APPLICATION NO.   FILING DATE   FIRST NAMED INVENTOR   ATTORNEY DOCKET NO.   CONFIRMATION NO.   10/658,764   09/10/2003   Masayoshi Imoto   11/082   4068   TITLE OF INVENTION: IMAGING DEVICE AND VEHICLE CIRCUMFERENCE VISUALIZING APPARATUSE/13/2809 FINGHMH1 80808048 10658764   1518,08 0P   369,68 0P   APPLN. TYPE   SMALL ENTITY   ISSUE FEE DUE   PUBLICATION FEE DUE   PREV. PAID ISSUE FEE   TOTAL FEE(S) DUE   DATE DUE   10   |  | •  | PADEM  |   |  |   | (Date)             |
| TITLE OF INVENTION: IMAGING DEVICE AND VEHICLE CIRCUMFERENCE VISUALIZING APPARATUS2/13/2809 FNORAMI 80898940 19658764  | APPLICATION NO.  | FILING DATE  |  |   | AT   | TORNEY DOCKET NO.                                 | CONFIRMATION NO.   |
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| LAM, HUNG H  2622  348-335000  1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).  Change of correspondence address (or Change of Correspondence Address form PTO/SB/47; Rev 03-02 or more recent) attached.  "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.  3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)  PLEASE NOTE: Unless an assignce is identified below, no assignce data will appear on the patent. If an assignce is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.  (A) NAME OF ASSIGNEE  Autonetworks Technologies, Ltd.  Sumitomo Wiring Systems, Ltd.  Sumitomo Wiring Systems, Ltd.  Please check the appropriate assignce category or categories (will not be printed on the patent): Individual Corporation or other private group entity Government  4a. The following fee(s) are submitted:  Advance Order - # of Copies  Publication Fee (No small entity discount permitted)  Advance Order - # of Copies  Advance Order - # of Copies  Sumitom Copies  Advance Order - # of Copies  Advance Order - # of Copies  Copies  2. For printing on the patent front page, list  (1) the names of up to 3 registered patent attorneys or agents. Bit to the patent or agents OR, alternatively,  (2) the name of a single firm (having as a member a registered patent attorneys or agents. If no name is listed, no name will be printed.  (3) The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number 15-0461  (1) the names of up to 3 registered patent attorneys or agents. If no name is listed no name is listed, no name will be printed.  (2) the name of a single firm (having as a member a registered patent attorneys or agents. If no name is listed, no name will be printed.  (3) the patent attorneys or agents. If no name     | nonprovisional   | NO   | \$1510   | \$300   | \$0  | \$1810  | 03/23/2009         |
| 1. Change of correspondence address or indication of "Fcc Address" (37 CFR 1.363).  CFR 1.363).  Change of correspondence address (or Change of Correspondence Address from PTO/SB/122) attached.  The change of correspondence address (or Change of Correspondence Address from PTO/SB/122) attached.  The change of correspondence address (or Change of Correspondence Address from PTO/SB/122) attached.  The change of correspondence address (or Change of Correspondence Address from PTO/SB/122) attached.  The change of correspondence address (or Change of Correspondence Address from PTO/SB/122) attached.  The change of correspondence address (or Change of Correspondence Address from PTO/SB/122) attached.  The change of correspondence address (or Change of Correspondence Address from PTO/SB/122) attached.  The change of correspondence address (or Change of Correspondence Address from PTO/SB/122) attached.  The change of correspondence address (or Change of Correspondence Address from PTO/SB/122) attached.  The change of correspondence address (or Change of Correspondence Address from PTO/SB/122) attached.  The change of correspondence address (or Change of Correspondence Address from PTO/SB/122) attached.  The change of correspondence address (or Change of Correspondence Address from PTO/SB/122) attached.  The change of correspondence address (or Change of Correspondence attached.  The change of correspondence attached.  The change of a single firm (having as a member a registered patent attorneys or agents. If no name is 1.2 attached.  The change of a single firm (having as a member a registered patent attorneys or agents. If no name is 2.2 attached.  The change of a single firm (having as a member a registered patent attorneys or agents. If no name is 3.2 attached.  The Director is hereby authorized to charge the required below, the document has been filed for a substitute for filing an assignment.  The Director is hereby authorized to charge the required fec(s), any deficiency, or credit any overpayment, to Deposit Acc     | EXAM   | INER   | ART UNIT   | CLASS-SUBCLASS  |  |   |                    |
| CFR 1.363).  Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  The condition of "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.  ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)  PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.  (A) NAME OF ASSIGNEE  Autonetworks Technologies, Ltd.  Sumitomo Wiring Systems, Ltd.  Sumitomo Electric Industries, Ltd.  Sumitomo Electric Industries, Ltd.  Sumitomo Electric Industries, Ltd.  Sumitomo Fee (No small entity discount permitted)  Advance Order - # of Copies  Publication Fee (No small entity discount permitted)  Advance Order - # of Copies  The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number 15-0461  (1) the names of up to 3 registered patent attorneys or agents. If no name is registered patent attorneys or agent) and the names of up to 3 registered patent attorneys or agent) and the names of up to 3 registered patent attorneys or agent) and the names of up to 3 registered patent attorneys or agent) and the names of up to 3 registered patent attorneys or agent) and the names of up to 3 registered patent attorneys or agent) and the names of up to 3 registered patent attorneys or agent) and the names of up to 2 treatments of up to 3 registered patent attorneys or agent) and the names of up to 3 registered patent attorneys or agent) and the names of up to 3 registered patent attorneys or agent) and the names of up to 2 treatments of up to 3 registered patent attorneys or agent).  (2) the name of a single firm (having as a member a registered patent attorneys or agent).  (2) the name of a single firm (hav     | LAM, F   | IUNG H   | 2622   | 348-335000  |  |   |                    |
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| 4a. The following fee(s) are submitted:    Solution   S     | PLEASE NOTE: Un<br>recordation as set for<br>(A) NAME OF ASSI<br>Autonetworks<br>Sumitomo Win<br>Sumitomo Ele  | less an assignee is ident<br>th in 37 CFR 3.11. Comp<br>GNEE<br>s Technologies, L<br>ring Systems, Ltd | ified below, no assignee pletion of this form is NC td.  Ltd.  | data will appear on the pi<br>T a substitute for filing and<br>(B) RESIDENCE: (CITY<br>Mie, Japan<br>Mie, Japan<br>Osaka, Japan | atent. If an assignee i<br>assignment.<br>' and STATE OR COU   | NTRY)   |                    |
| 5. Channel L. Walter Marker (France status in diseased above)  | 4a. The following fec(s)  Issue Fee  Publication Fee (1)  Advance Order  | are submitted:  No small entity discount p # of Copies   | permitted)   | b. Payment of Fec(s): (Plea  A check is enclosed.  Payment by credit car  | ise first reapply any p<br>Ck #215089 (<br>d. Form PTO-2038 is | reviously paid issue fer<br>\$1,810)<br>attached. | e shown above)     |

sequired) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in States Patent and Franchisch Office. NOTE: The Issue Fee and Publication Fee interest as shown by the records of the Up Date February 12, 2009 Authorized Signature

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

Registration No. 36, 101

Typed or printed name Stephen P. Catlin

a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.